

ABSTRACT

A method for producing a honeycomb structure is disclosed which includes forming two hexagonal cell metal plates each having uniformly-spaced hexagonal pegs, using a mould and a press, applying a fusing material or strong adhesive to outer surfaces of the hexagonal pegs, and overlapping the metal plates such that surfaces of the metal plates, from which the hexagonal pegs are protruded, face each other, and coupling the metal plates such that adjacent ones of the hexagonal pegs of the metal plates are engaged, thereby producing a honeycomb structure having continuously joined cells.